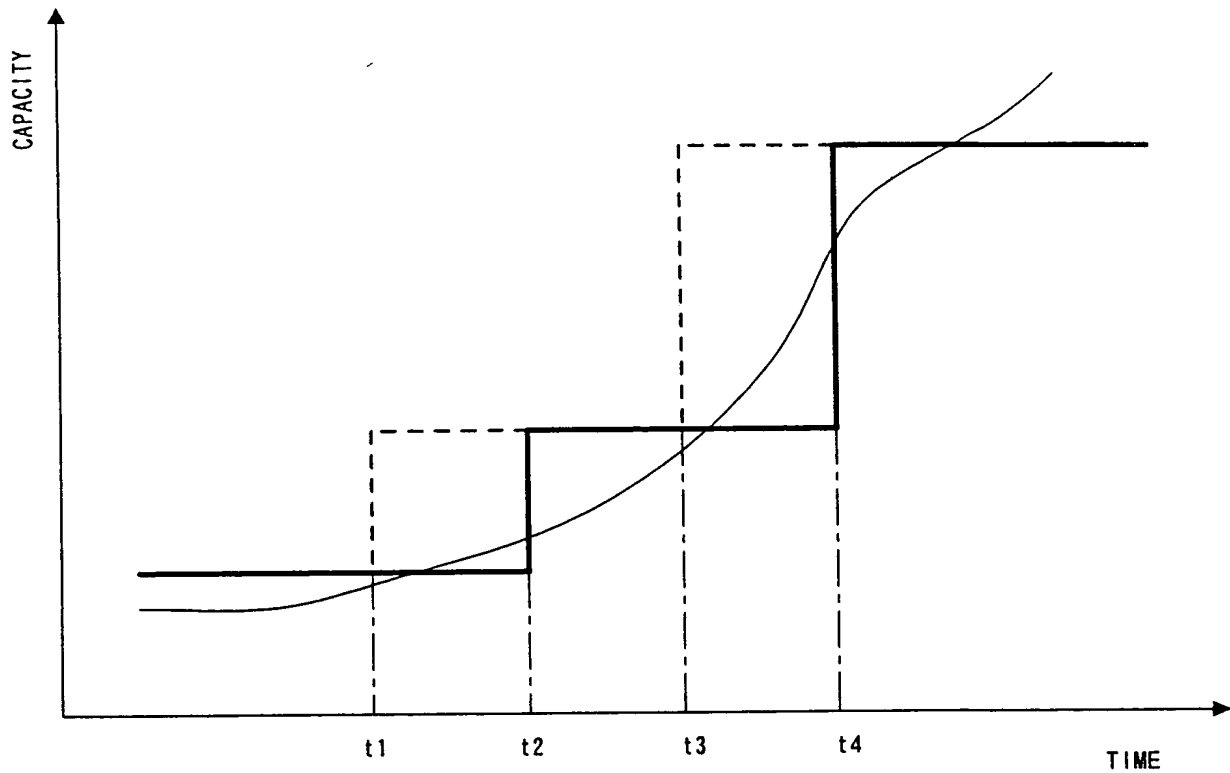


FIG. 1



- CAPACITY OF STORAGE AREA DEMANDED BY CLIENT DISK ARRAY DEVICE
- CAPACITY OF STORAGE AREA PROVIDED BY INSTALLED DISK UNIT
- - - - CAPACITY OF STORAGE AREA AT TIME OF UTILIZATION OF REMOTE UNIT

FIG. 2

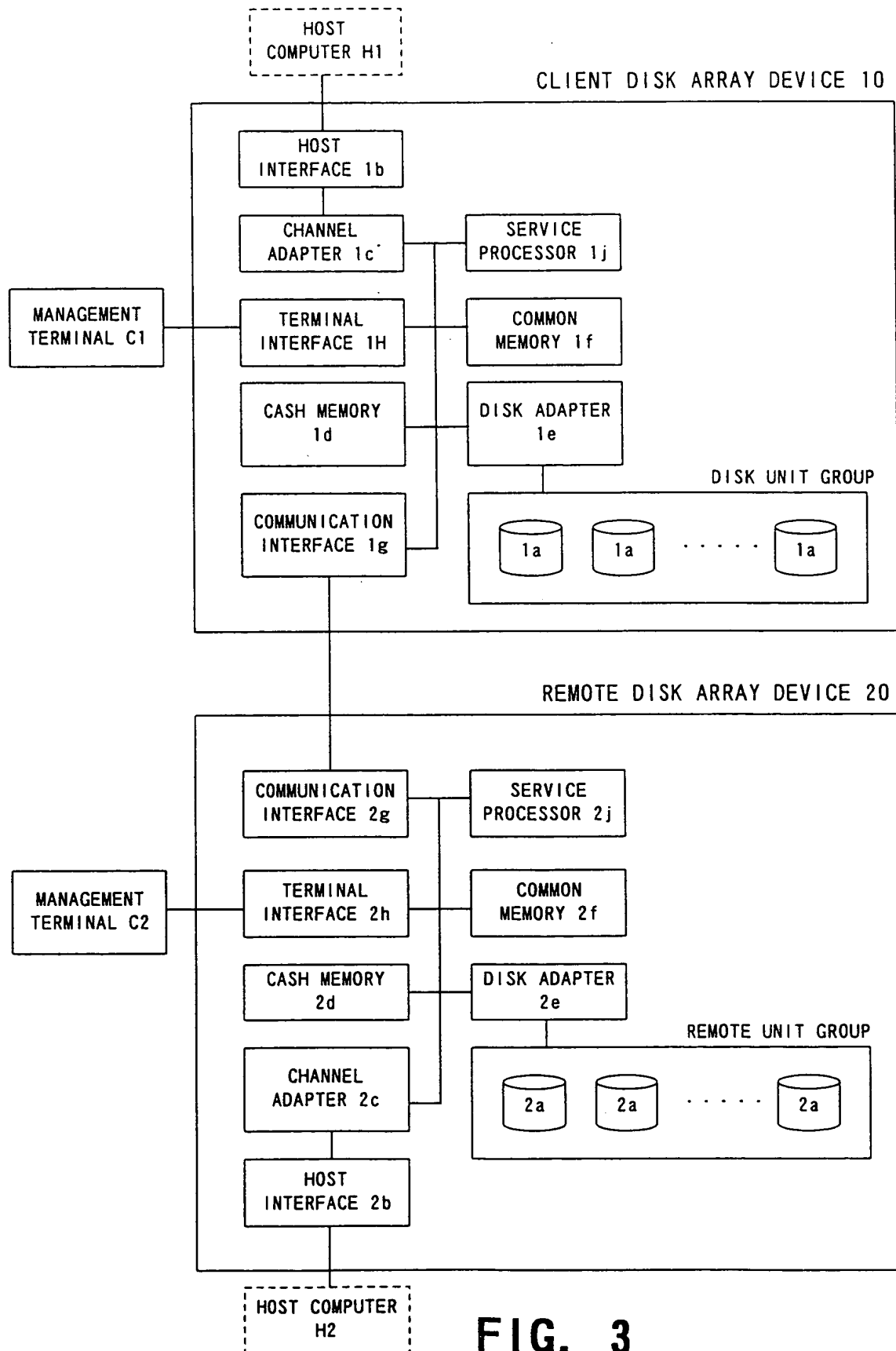


FIG. 3

PORT MANAGEMENT TABLE

PORT ID	CLASS	SLOT ID	SIZE	TYPE	STARTING DATE OF OPERATION	REMOTE UNIT ID
001	INSTALLED	A	20GB	HI-1	2001/01/05	
002	INSTALLED	B	50GB	IM-1	2001/01/05	
003	INSTALLED	C	50GB	SG-1	2001/01/05	
004	INSTALLED	D	20GB	HI-1	2001/01/05	
005	INSTALLED	E	20GB	HI-1	2001/01/05	
006	INSTALLED	F	20GB	HI-1	2001/01/05	
007	INSTALLED	G	50GB	QM10	2001/01/05	
008	INSTALLED	H	50GB	QM11	2001/03/22	
009	INSTALLED	I	50GB	QM12	2001/03/22	
010	REMOTE	—	50GB	—		RM-010
011	REMOTE	—	50GB	—		RM-011
012	REMOTE	—	50GB	—		RM-012
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FIG. 4

MOUNTING PROCESS

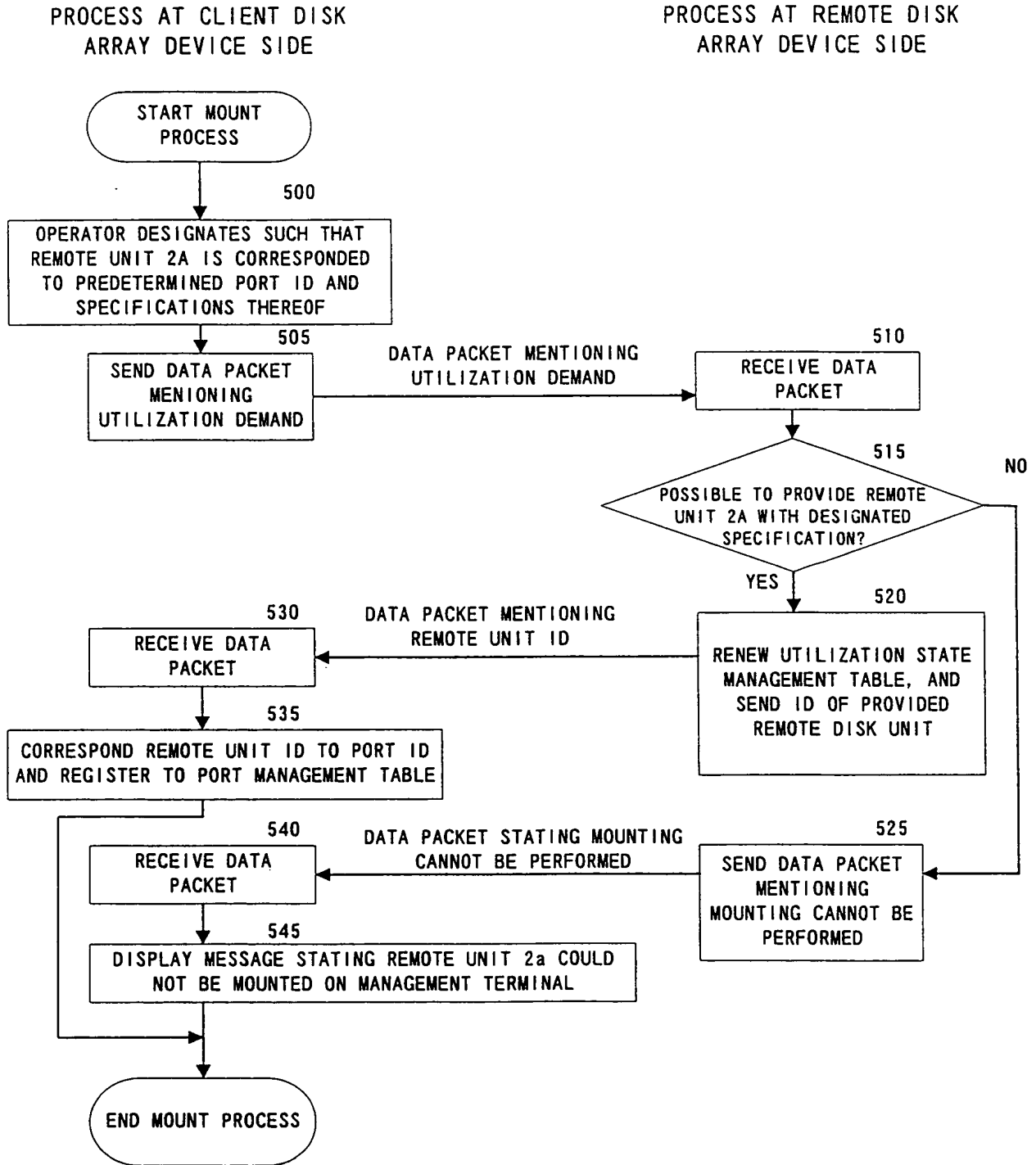


FIG. 5

PORT MANAGEMENT TABLE

PORT ID	SLOT ID	SIZE	TYPE	STARTING DATE OF OPERATION	OPERATION STATE	DEVICE ID
001	A	20GB	HI-1	—	NOT USED	—
002	B	50GB	IM-1	2001/01/05	MOUNTING	I5542
003	C	50GB	SG-1	2001/01/05	MOUNTING	F1041
004	D	20GB	HI-1	2001/01/05	MOUNTING	I3314
005	E	20GB	HI-1	—	NOT USED	—
006	F	20GB	HI-1	—	NOT USED	—
007	G	50GB	QM10	—	NOT USED	—
008	H	50GB	QM10	—	NOT USED	—
009	I	50GB	QM10	—	NOT USED	—
010	J	50GB	HI-2	—	NOT USED	—
011	K	50GB	HI-2	—	NOT USED	—
012	L	50GB	HI-2	—	NOT USED	—
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FIG. 6

WRITE-IN PROCESS

PROCESS AT CLIENT DISK
ARRAY DEVICE SIDE

PROCESS AT REMOTE DISK
ARRAY DEVICE SIDE

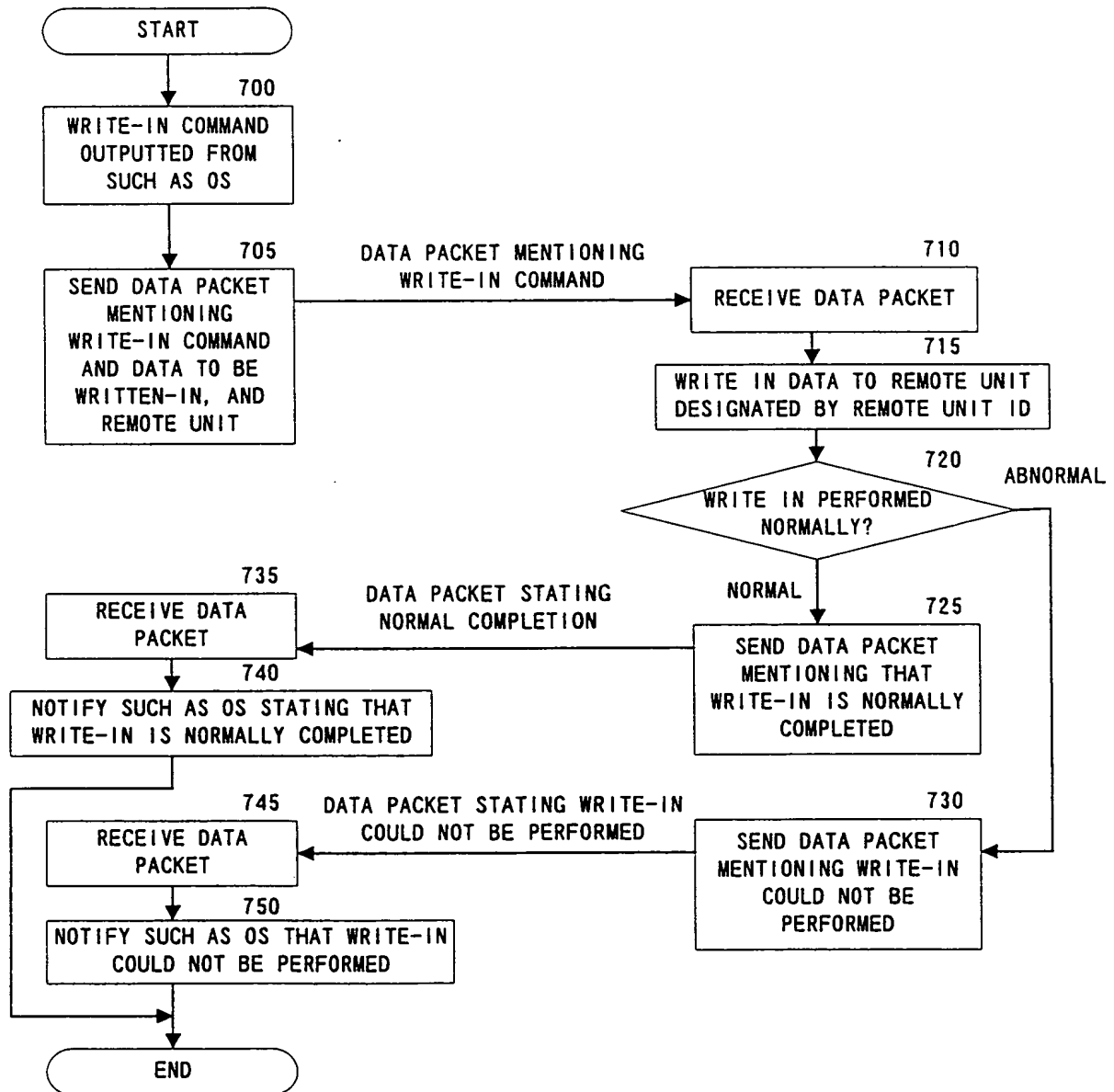


FIG. 7

READ-OUT PROCESS

PROCESS AT CLIENT DISK
ARRAY DEVICE SIDE

PROCESS AT REMOTE DISK
ARRAY DEVICE SIDE

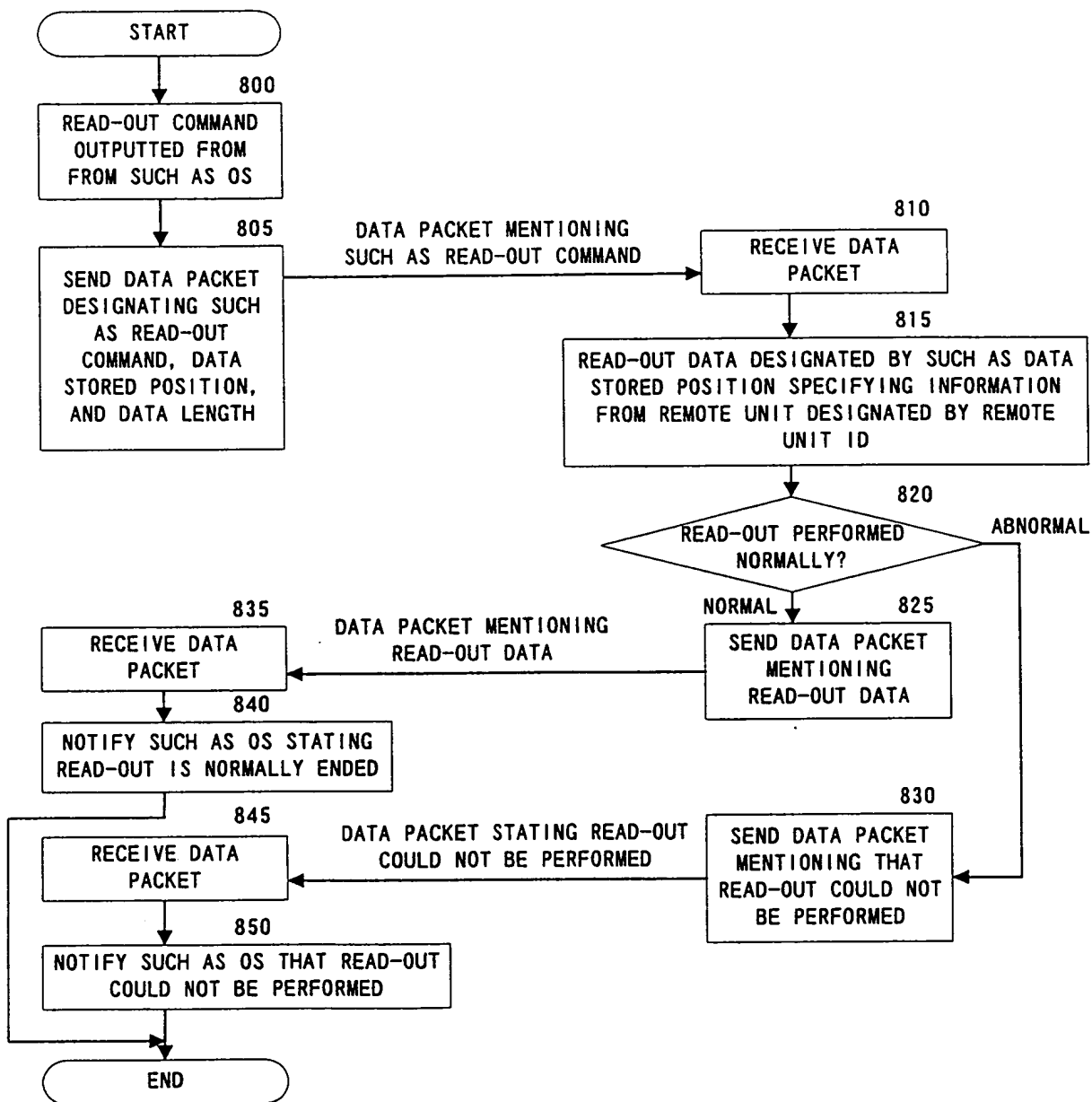


FIG. 8

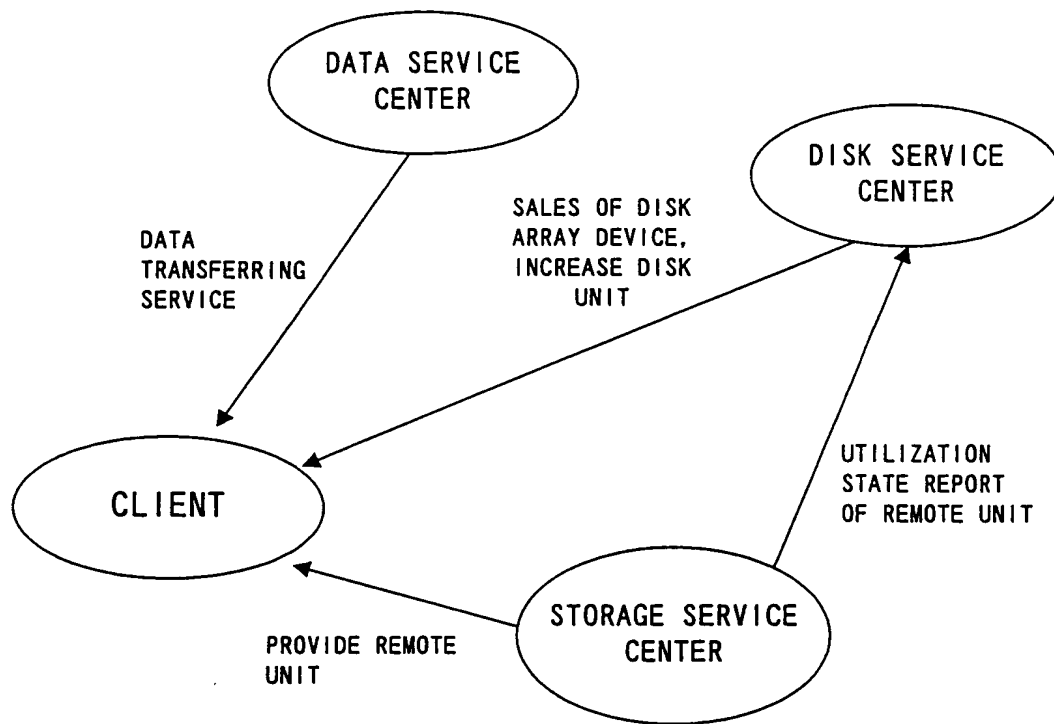


FIG. 9